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Nota di contenuto	chapter 1 Environmental Biotechnology: A Foresight -- chapter 2 BIODIVERSITY -- chapter 3 RENEWABLE ENERGY -- chapter 4 BIOREMEDIATION TECHNOLOGY -- chapter 5 PHYTOREMEDIATION -- chapter 6 RECOMBINANT DNA TECHNOLOGY AND APPLICATIONS -- chapter 7 Genetic EngineerIng for Remediation of Pollution -- chapter 8 BIOTECHNOLOGY—POLLUTION ABATEMENT -- chapter 9 SOLID WASTE MANAGEMENT -- chapter 10 COMPOSTING -- chapter 11 VERMICOMPOSTING -- chapter 12 BIOFERTILIZERS -- chapter 13 CHEMICAL PESTICIDES -- chapter 14 BIOLOGICAL CONTROL OF PESTS -- chapter 15 BIOPESTICIDES -- chapter 16 Integrated Pest Management -- chapter 17 GENETICALLY MODIFIED ORGANISMS IN ENVIRONMENT -- chapter 18 BIOSAFETY -- chapter 19 BIOETHICS AND RISK ASSESSMENT -- chapter 20 Intellectual Property Rights 553 / 20.1 Perspectives -- chapter 21 Bioinformatics—Environmental Cleanup Technologies -- chapter 22 Environmental Nanotechnolgy 587 / 22.1 Perspectives.
Sommario/riassunto	This book provides information essential to students taking courses in biotechnology as part of environmental sciences, environmental management, or environmental biology programs. It is also suitable for those studying water, waste management, and pollution abatement. Topics include biodiversity, renewable energy, bioremediation

technology, recombinant DNA technology, genetic engineering, solid waste management, composting, vermicomposting, biofertilizer, chemical pesticides, biological control of pests, and genetically modified organisms. The book also discusses bioethics and risk assessment, intellectual property rights, environmental cleanup technologies, and environmental nanotechnology.